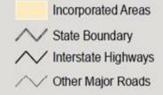


East-West Gateway
Council of Governments &
the St. Louis Metropolitan
Statistical Area



Governments (8 Counties, 201 muni's 784 forms of government)	.1164
Heavy Rescue Strike Teams	5
Hazardous Material Response Teams	6
Incident Support Teams	3
Hospitals (5 Level I, 3 Level II, 1 Level III)	55
LE Tactical Operations Units	7
LE Bomb Disposal Teams	4
Public Health Agencies	9

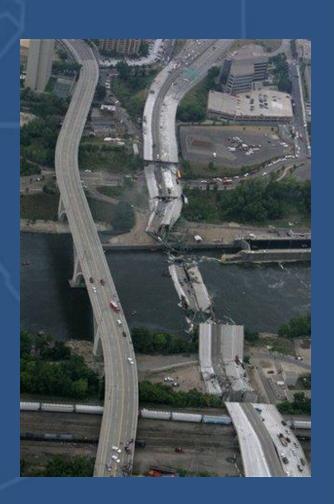






Minneapolis, MN. Bridge Collapse,

- 114,397 PTT over 6 hour response period
- 318 PTT's per minute, 5 PTT per second
- 67 calls were delayed over 10 seconds (.06% of all calls)
- 2 were P3 talk groups, the rest were P7 non-mission talk groups
- EMS Task Force responded on their talk group



Interoperability Road Blocks

- ➤ Plethora of frequencies & equipment used throughout the St Louis UA.
 - Conventional simplex and repeater systems
 - Proprietary trunked systems
 - P25 standards based trunked radio systems
- ➤ Vintage 1950's communications equipment
- Systems are overloaded and routinely experience delays in dispatch traffic

St Louis Regional LMR Plan Development

- ➤ With over 70% participation
 - 170 returned surveys and 65 face to face meetings
- Common interest and concerns
 - Address current lack of interoperability
 - Ability to retain agency independence
 - Governance process that would represent all agencies
 - No agency would move forward at the expense of another



St Louis Regional LMR Plan Overview

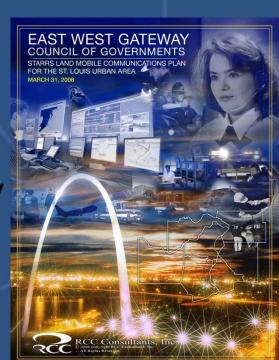
> A source book for Communications planning

> Provides guidance for a truly regional interoperable

radio system

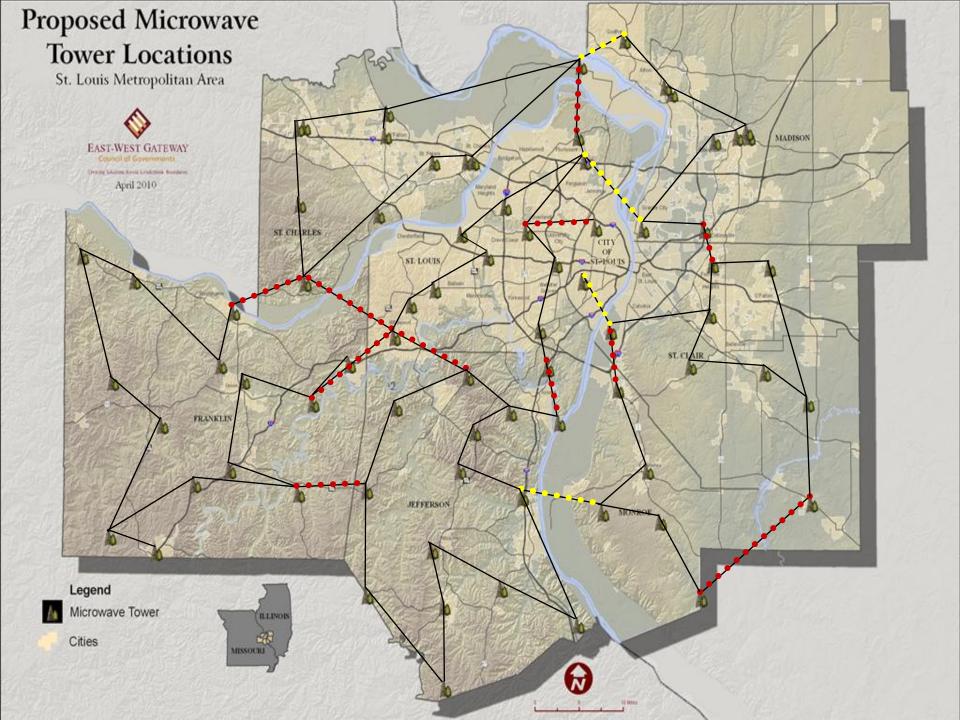
Network independent county systems

- Reliable fault tolerant infrastructure
- Compatible with IL & MO Interoperability Initiatives



Milestones

- > Plan Development & Adoption
 - November 2007 Planning Process Begun
 - March 2008 Plan Roll Out
 - June 2008 Unanimous Approval of Plan
 - July 2008 Governance Structure
 Established



Microwave Digital Network

- Mission Critical Network Supporting Land Mobile Radio
- Interoperable Inter-County Network County-wide Autonomy
- No Single Point of Failure Multiple Levels of Redundancy
- 99.9999% Microwave Path Reliability
- Creates True Regional Interoperability

Project Funding

- > Grant Funding UASI FY06 09, IECGP & PSIC
 - \$12 Million Total Grant Funding
 - √\$4.6 Million Planning
 - √ \$7.3 Million Equipment
 - Microwave Governance, Planning, Design, Testing & Installation
- > \$170 Million Local Funding for LMR System
 - April 2009 Jefferson County 911 Dispatch
 - August 2009 St. Charles County
 - November 2009 St. Louis County

Regional Interoperability

- Interoperable "Project 25" Radio Systems
 - Illinois Counties
 - Madison, Monroe and St. Clair migrating to State Starcom 21 System
 - Developing plans to add all agencies
 - Missouri Counties
 - Jefferson County 911 Dispatch, St. Charles County and St. Louis County RFP's under review
 - Franklin County Developing 2011 funding options
 - City of St. Louis/Metro/Lambert system and adding City Fire 2011

Summary

- Regional Interoperable Emergency Communications Process
 - Regional Policy & Procedures developed
 - Implementing Regional IP Microwave & Project 25 LMR Systems
 - Efficiently utilizing existing spectrum
- Governance structure allows decision and policy makers to be part of the solution

